

<b>Subject Code</b>	MM5424
<b>Subject Title</b>	Management Information Systems
<b>Credit Value</b>	3
<b>Level</b>	5
<b>Normal Duration</b>	1-semester
<b>Pre-requisite</b>	Nil
<b>Objectives</b>	<p>It focuses on the information technologies as the enabler that has dramatically changed the way in which companies orchestrate their value creation.</p> <p>The course will cover a variety of related topics at different levels, including (1) currently available information technologies for modern organizations, (2) the information needs of modern organizations, (3) large information systems (e.g. ERP, SCM and so on) that integrate and streamline business processes across various functional departments/areas within or across organizations, (3) IT system development and IT project management, (4) the adoption, diffusion, and implementation of organization or inter-organizational information systems, (5) the relationships between work, people, and technologies, (6) decision support systems, business intelligence (BI) and analytics systems, and (7) the effectiveness/success and value of organization information systems.</p>
<b>Intended Learning Outcomes</b>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> <li>develop an integrative knowledge of the information technologies (IT) applied for management in organizations;</li> <li>understand how technologies including AI, Blockchain, Cloud computing, and Data Science are applied to almost all aspects of organizational operations and processes;</li> <li>understand how modern IT is shaping the operations of modern business environment;</li> <li>understand management of information systems and information technologies;</li> <li>communicate effectively on MIS issues.</li> </ol>
<b>Subject Synopsis/ Indicative Syllabus</b>	<p><b>Information technologies in organisations</b> IT support of organizational performance.</p> <p><b>Information technology infrastructure</b> Data management, Big data and Networking.</p> <p><b>The web revolution</b> E-business and E-commerce, mobile, wireless and pervasive computing.</p> <p><b>Organisational applications</b> Functional applications and integration. Enterprise systems.</p> <p><b>Managerial and decision system systems</b> IT strategy and planning and acquiring IT applications and infrastructure, Security.</p>
<b>Teaching/Learning Methodology</b>	<p>This course requires a certain level of commitment, in terms of your attention, time, and effort. The lecture will introduce techniques and conceptual models. There will be list of readings cover important and relevant issues. Case studies and readings will form the basis of class discussions in which the applicability of various techniques, models and methodologies will be discussed. Some sessions will be devoted to more in-depth studies of specific problems by small groups, which will form the basis for further class discussion. Also there may be a book review section in the class.</p>

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)				
			a.	b.	c.	d.	e.
	<b>Continuous Assessment*</b>	<b>100%</b>					
1. Classwork	20%	✓	✓	✓	✓		
2. Individual essay <sup>#</sup>	30%	✓	✓	✓	✓		
3. Group project	35%	✓	✓	✓	✓		
4. Group presentation	15%					✓	
<b>Total</b>	<b>100 %</b>						
<p><i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i></p> <p><i># Different essays may address different outcomes.</i></p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p> <p>To pass this subject, students are required to obtain Grade D or above in the overall subject grade.</p> <p><b>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</b></p> <p>Class work and the group project will require students to apply information systems in management to handle operational problems which arise in actual organizations, which involves 5 of the outcomes. The individual essay will also assess those five outcomes. The presentation will assess their ability to communicate effectively. Feedback is given to students immediately following the presentations and all students are invited to join this discussion.</p>							
<b>Student Study Effort Expected</b>	Class contact:						
	▪ Lectures					39 Hrs.	
	Other student study effort:						
	▪ Preparation for lectures					39 Hrs.	
	▪ Preparation for assignment / group project and presentation / examination					78 Hrs.	
	Total student study effort						156 Hrs.

**Reading List and  
References**

Textbook

Turban, E., Pollard, C., Wood, G., *Information Technology for Management: Driving Digital Transformation to Increase Local and Global Performance, Growth and Sustainability* 12th Edition, Wiley, 2021.

Reference Books

Rahman H. and de Sousa R.D. *Information Systems and Technology for Organizational Agility, Intelligence, and Resilience*. IGI Global book series, Business Science Reference, 2014.

Reference Journals

Information and Management

Information Systems Research

Information Resources Management Journal

International Journal of Information Management

International Journal of Project Management

Journal of Information Technology

Journal of Systems Management

MIS Quarterly

MIS Quarterly Executive